

[LASER REPAIR FACILITATED PIXEL STRUCTURE AND REPAIRING METHOD]

Abstract

A laser repair facilitated pixel structure and repair method. The pixel structure includes a thin film transistor, a pixel electrode, and a conductive line. Control of the pixel structure is carried out through signals passing to a scan line and a data distributing line. The conductive line is underneath the data distributing line. The conductive line has a connective section and a repair section at each end of the connective section. Each repair section occupies an area greater than the data distributing line. A broken data distributing line is repaired through the formation of an electrical connection between the repair sections at each end of the conductive line and the data distributing line.